

DESCRIPTIONS OF THREE NEW NORTH AMERICAN MOSQUITOES.

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Aedes campestris, new species.

♀. — Proboscis straight, clothed with black scales and, on the basal half, with a sprinkling of yellowish gray ones; palpi short, black scaled with lighter scales intermixed; occiput pale ocher-yellow, a dark brownish stripe on each side of the median area, margins of the eyes lighter scaled, collar dark scaled; prothoracic lobes, pleura and coxæ roughly yellowish white scaled; mesonotum ochreous yellow, a broad rich brown stripe down the middle, basally two short brown stripes on each side of this; shoulders broadly marked with brown; scutellum pale ochreous scaled, the setæ pale shining yellow; abdomen dull yellowish white scaled, the second, third, fourth and fifth segments with large patches of black scales on each side of the middle, reaching the apex but not the base, these patches have a few whitish scales intermixed, on the succeeding segments these patches are indicated by a slight sprinkling of black scales, beneath the abdomen is entirely yellowish white scaled; legs with femora and tibiæ pale ochreous yellow scaled with a sprinkling of black scales, which becomes heaviest towards the apices of the tibiæ, first tarsal joint yellowish scaled sprinkled with black, the black becoming heavier towards the apex, the apex ringed with yellow-white, second third and fourth joints blackish above, ringed at both ends with yellowish white, the last joint entirely yellowish white, the tarsi show a brassy luster which tends to obscure the markings, on the fore tarsi the markings are more or less obsolete; wing-veins clothed with narrow dull yellowish white scales with a slight sprinkling of black ones. Claws all toothed. Length, 5 mm.

♂. — Palpi about as long as the proboscis, clothed with yellowish and dark scales intermixed, the pale scales predominating, the apical half with lateral long dense ferruginous and brown hairs with silky luster; antennæ rather short, densely plumose, the hairs pale brown and ferruginous with silky luster; abdomen long, depressed on the apical half, clothed with dull yellowish white scales, the lateral hairs abundant, pale yellow with silky luster. Length, 5.5 mm.

Fourteen specimens, Oxbow, Saskatchewan, Canada (F. Knab); Regina, Carnduff and Qu'Apelle, Saskatchewan, Canada (T. N. Willing, through Dr. J. Fletcher); Elsinore, Utah (E. S. G. Titus); Salt Lake, Utah (H. S. Barber).

Type. — No. 10874, U. S. National Museum.

Aedes riparius, new species.

♀. — Proboscis slender, dark scaled with a sprinkling of lighter yellowish scales particularly towards the base; palpi short, dark scaled, with the apex and the median segment lighter scaled; occiput yellow scaled with brassy luster, a large brown spot

on each side of the middle and another one well down the side; prothoracic lobes yellow scaled; mesonotum bright ferruginous brown with silky luster, at the bases of the wings and on the antescutellar area light yellow scaled, two submedian narrow longitudinal yellow lines reach the base on each side of the antescutellar area; scutellum yellow scaled, the setæ abundant and concolorous with the scales; metanotum brown; postscutellum clothed with dull yellowish white scales and with pale hairs; abdomen clothed principally with light scales above, at the bases of the segments the scaling is dull yellowish white and shades off into a light ferruginous on the lighter scales, on the apical two thirds of the segments there is a strong sprinkling of dusky scales which becomes predominant on the second, third and fourth segments, beneath the abdomen is entirely yellowish white scaled; legs with the femora and tibiæ pale ochreous scaled with a sprinkling of blackish scales which becomes very heavy at the apices, particularly on the tibiæ; tarsi black, with very broad basal yellowish white rings. Claws all toothed. Wing-scales brown, heavily sprinkled with yellow ones in the costal region, the scales long and narrow. Length 5.5 mm.

♂. — Palpi slightly longer than the proboscis, clothed with dusky and yellowish scales, which latter tend to form bands, the apical half densely clothed with brown and pale ferruginous hairs with a silky luster; abdomen long and slender, the apical half depressed, the marginal cilia long and dense, pale yellow. Length, 6 mm.

Sixty-eight specimens, Winnipeg, Manitoba, Canada (F. Knab), found along the banks of the Assiniboine River, among the trees. The female bites both by day and night.

Type. — No. 10875, U. S. National Museum.

***Culex egberti*, new species.**

♀. — Proboscis moderately long and slender, swollen towards the tip, roughly black scaled; palpi short, black; occiput dark scaled, margins of the eyes dull whitish scaled; mesonotum brown scaled; pleura dark brownish with patches of whitish scales; metanotum dark brown; abdomen depressed, truncate at tip, black scaled above, without metallic luster, the segments with narrow white basal bands which are broadened at the sides, beneath with broad white basal bands; legs black scaled with bronzy luster, the femora light scaled beneath; claws equal and simple; scales of the wings long and dense, broad on some of the veins, uniformly brown. Length, 3 mm.

Three specimens, Warner's Camp, North Shore of Lake Okeechobee, Florida (J. H. Egbert).

Type. — No. 10876, U. S. National Museum.

Named in honor of Dr. J. H. Egbert, who collected these and other interesting mosquitoes in central Florida. Two of the specimens are distended with blood.